

NIRT Daily Soybean SRS Worksheet

Location: _____ Serial #: _____ Date: _____
 Operator: _____ Temperature: _____ R.Humidity: _____
 Instrument Constants: "O" _____ "P" _____
 Protein Constants: Slope _____ Intercept _____
 Oil Constants: Slope _____ Intercept _____

PROTEIN					
SRS	Value	Run 1	Difference	Repeat	Difference
1					
2					
3					
4					
5					
Average					

Range of Differences (Maximum 0.60)

OIL					
SRS	Value	Run 1	Difference	Repeat	Difference
1					
2					
3					
4					
5					
Average					

Range of Differences (Maximum 0.45)

Bias Calculation:

Protein Average

Oil Average

Minus Baseline

Minus Baseline

Today's Bias

Today's Bias

Transfer range and bias results to the SRS Bias Log, calculate multi-run averages, and apply tolerances. Adjust the intercept constant for a constituent if it is out of tolerance.

REPEAT RULES:

1. Repeat any sample if an outlier is reported.
2. Repeat the SRS set if the range tolerances are exceeded.
3. If the range tolerances are exceeded on two consecutive runs and an individual SRS deviates by 0.40 for protein and 0.30 for oil, that sample may be temporarily dropped from the average. Contact the BAR for a replacement.